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020457 7590 08/25/2006

ANTONELLI, TERRY STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
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ARLINGTON, VA 22209-3873

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Ricardo E. Perez (Depositor's name)
Ricardo Perez (Signature)
11/02/2006 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/091,454 | 03/07/2002 | Lin-Ying Hu | 612.41242X00 | 1395 |

TITLE OF INVENTION: METHOD FOR GRADUALLY DEFORMING AN INITIAL OBJECT DISTRIBUTION IN A HETEROGENEOUS MEDIUM, GENERATED BY SIMULATION OF AN OBJECT TYPE STOCHASTIC MODEL, TO BEST ADAPT IT TO IMPOSED PHYSICAL CONSTRAINTS

| APPL. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE (\$). DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|---------------------|------------|
| Nonprovisional | NO | \$1400 | \$300 | \$1700 | 11/27/2006 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------|----------|----------------|
| ALAVI, AMIR | 2624 | 382-109000 |

| | |
|---|--|
| 1. Change of correspondence address or indication of "Fee Address": (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> agents OR, alternatively, "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of Customer Number is required. | 2. For printing on the patent front page, list 11/03/2006 TBLSKAHE 63363384 10391454 (1) the names of up to 3 registered patent attorneys: 1 ANTONELLI, TERRY, STOUT AND KRAUS, LLP. 1400.00 DP Or agents OR, alternatively, 1 TC:1301 323.00 DP (2) the name of single firm (having 1524 member a registered attorney or agent) 12.00 DP and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed. |
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE **INSTITUT FRANCAIS DU PETROLE** (B) RESIDENCE: (CITY and STATE OR COUNTRY) **92852 RUEIL MALMAISON CEDEX, FRANCE**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

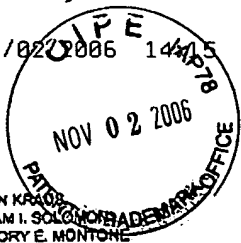
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|---|---|
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5. Change in Entity Status (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid Issue fee to the application identified above.
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Donald E. Stout* Date: **NOVEMBER 2, 2006**
Typed or printed name **Donald E. Stout** Registration No. **26,422**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.
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FACSIMILE TRANSMITTAL SHEET
NOVEMBER 2, 2006

TO: Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: U.S. Patent Application No. **10/091,454**
For: METHOD FOR GRADUALLY DEFORMING AN INITIAL OBJECT DISTRIBUTION IN A
HETEROGENEOUS MEDIUM, GENERATED BY SIMULATION OF AN OBJECT TYPE
STOCHASTIC MODEL, TO BEST ADAPT IT TO IMPOSED PHYSICAL CONSTRAINTS
Filing Date: 03/07/2002
Atty. Docket No. **612.41242X00**

From: Donald E. Stout

Fax Number: (571) 273-2885

Total Number of Pages: **3**

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Credit Card Payment Form -- 1 Page

I hereby certify that on NOVEMBER 2, 2006, the above-identified documents are being
facsimile transmitted to the United States Patent and Trademark Office.

Ricardo E. Perez

Name (Print)

Ricardo Perez
Signature